

FEB 28 1994

OMB#: 2050-0024 Expires 8/31/96

RECORD COPYING FORM ATTACH SITE IDENTIFICATION LABEL OR ENTER.

IAD000819110

U.S. ENVIRONMENTAL
PROTECTION AGENCY

1993 Hazardous Waste Report

FORM
ICIDENTIFICATION AND
CERTIFICATIONSQUARE D CO
JAMES JENSEN
PO BOX 3069

CEDAR RAPIDS, IA 52406

INSTRUCTIONS: Read the detailed instructions beginning on page 8 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I Site name and location address. Complete A through H. Check the box ☒ in items A, C, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instruction page 10.

A. EPA ID No. Same as label <input checked="" type="checkbox"/> or →		B. County Linn	
C. Site/company name Same as label <input checked="" type="checkbox"/> or →		D. Has the site name associated with this EPA ID changed since 1991? <input type="checkbox"/> 1 Yes <input checked="" type="checkbox"/> 2 No	
E. Street name and number. If not applicable, enter industrial park, building name, or other physical location description. Same as label <input type="checkbox"/> or → 3700 Sixth Street SW			
F. City, town, village, etc. Same as label <input checked="" type="checkbox"/> or →		G. State Same as label <input checked="" type="checkbox"/> or →	H. Zip Code Same as label <input checked="" type="checkbox"/> or → 52406-3069

Sec. II Mailing address of site. Instruction page 10.

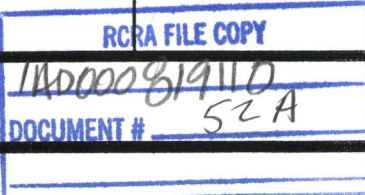
A. Is the mailing address the same as the location address? <input type="checkbox"/> 1 Yes (SKIP TO SEC. III) <input checked="" type="checkbox"/> 2 No (GO TO BOX B)		 R00352705 RCRA RECORDS CENTER
B. Number and street name of mailing address P.O. Box 3069		
C. City, town, village, etc. Cedar Rapids	D. State IA	E. Zip Code 52406-3069

Sec. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instruction page 10.

A. Please print: Last Name First name M.I. Jensen James C.			B. Title Loss Control EPA Specialist	C. Telephone 319-643-3333 Extension 64333
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Sec. IV "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A. Please print: Last Name First name M.I. Sapp Dave			B. Title Manufacturing Manager
C. Signature 			D. Date of signature 02/23/94 MO. DAY YR.



Sec.V - Generator Status

EPA ID NO. I A D 0 0 0 8 1 9 1 1 0

A. 1983 RCRA generator status

Instruction page 10.

(CHECK ONE BOX BELOW)

- ☒ 1 LQG
☐ 2 SQG
☐ 3 CESQG
☐ 4 Non generator (Continue to Box B)

SKIP to SEC. VI

B. Reason for not generating

Page 12.

(CHECK ALL THAT APPLY)

- ☐ 1 Never generated
☐ 2 Out of business
☐ 3 Only excluded or delisted waste
☐ 4 Only non-hazardous waste
☐ 5 Periodic or occasional generator
☐ 6 Waste minimization activity
☐ 7 Other (SPECIFY COMMENTS IN BOX BELOW)

Sec.VI - On-Site Waste Management Status

A. Storage subject to RCRA permitting requirements Page 13.

1

B. Treatment, disposal, or recycling subject to RCRA permitting requirements Page 13.

1

C. RCRA-exempt treatment, disposal, or recycling Page 13.

3

Sec.VII - Waste Minimization Activity during 1992 or 1993

A. Did this site begin or expand a source reduction activity during 1992 or 1993? Page 14.

- ☐ 1 Yes
☒ 2 No

B. Did this site begin or expand a recycling activity during 1992 or 1993? Page 15.

- ☐ 1 Yes
☒ 2 No

C. Did this site systematically investigate opportunities for source reduction or recycling during 1992 or 1993? Page 15.

- ☒ 1 Yes
☐ 2 No

D. Did any of the factors listed below delay or limit this site's ability to initiate new or additional source reduction activities in 1992 or 1993? Page 15 (CHECK YES OR NO FOR EACH ITEM)

- | Yes | No | |
|---------------------------------------|---------------------------------------|--|
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | a. Insufficient capital to install new source reduction equipment or implement new source reduction practices |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | b. Lack of technical information on source reduction techniques applicable to the specific production processes |
| <input checked="" type="checkbox"/> 1 | <input type="checkbox"/> 2 | c. Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment |
| <input checked="" type="checkbox"/> 1 | <input type="checkbox"/> 2 | d. Concern that product quality may decline as a result of source reduction |
| <input checked="" type="checkbox"/> 1 | <input type="checkbox"/> 2 | e. Technical limitations of the production processes |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | f. Permitting burdens |
| <input checked="" type="checkbox"/> 1 | <input type="checkbox"/> 2 | g. Source reduction previously implemented - additional reduction does not appear to be technically feasible |
| <input checked="" type="checkbox"/> 1 | <input type="checkbox"/> 2 | h. Source reduction previously implemented - additional reduction does not appear to be economically feasible |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | i. Source reduction previously implemented - additional reduction does not appear to be feasible due to permitting requirements |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | j. Other (SPECIFY COMMENTS IN BOX BELOW) |

E. Did any of the factors listed below delay or limit the site's ability to initiate new or additional on-site or off-site recycling activities during 1992 or 1993? Page 15. (CHECK YES OR NO FOR EACH ITEM)

- | Yes | No | | Yes | No | |
|----------------------------|---------------------------------------|---|---------------------------------------|---------------------------------------|--|
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | a. Insufficient capital to install new recycling equipment or implement new recycling practice | <input checked="" type="checkbox"/> 1 | <input type="checkbox"/> 2 | g. Technical limitations of production processes inhibit shipments off-site for recycling |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | b. Lack of technical information on recycling techniques applicable to this site's specific production process | <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | h. Technical limitations of production processes inhibit on-site recycling |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | c. Recycling is not economically feasible: cost savings in waste management will not recover the capital investment | <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | i. Permitting burdens inhibit recycling |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | d. Concern that product quality may decline as a result of recycling | <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | j. Lack of permitted off-site recycling facilities |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | e. Requirements to manifest wastes inhibit shipments of off-site for recycling | <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | k. Unable to identify a market for recycled materials |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | f. Financial liability provisions inhibit shipments off-site for recycling | <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | l. Recycling previously implemented - additional recycling does not appear to be technically feasible |
| | | | <input checked="" type="checkbox"/> 1 | <input type="checkbox"/> 2 | m. Recycling previously implemented - additional recycling does not appear to be economically feasible |
| | | | <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | n. Recycling previously implemented - additional recycling does not appear to be feasible due to permitting requirements |
| | | | <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | o. Other (SPECIFY COMMENTS IN BOX BELOW) |

Comments: As part of a business decision the plating operation was shutdown at the end of 1993.

BE

IAD000819110

SI SQUARE D CO
JAMES JENSEN
PO BOX 3069

EP

CEDAR RAPIDS, IA 52406



U.S. ENVIRONMENTAL
PROTECTION AGENCY

1993 Hazardous Waste Report

FORM
GM

WASTE GENERATION
AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18. Rinse waters from chromate dip of zinc plated parts characteristically hazardous for chromium.

B. EPA hazardous waste code Page 19.

Per
Jim Jensen
10-19-94

0007 D002

NA NA NA

C. State hazardous waste code Page 19.

NA NA

D. SIC code Page 19.

3613

E. Origin code 1 Page 19

System
Type M

F. Source code Page 20.

A29

G. Point of measurement Page 20.

1

H. Form code Page 20.

B103

I. RCRA - radioactive mixed Page 20.

2

Sec. II

A. Quantity generated in 1992 Instruction Page 21.

1000000.0

B. Quantity generated in 1993 Page 21.

874000.0

C. UOM Page 21.

5 08.34

☒ 1 lbs/gal ☐ 2 sg

Density

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.

☒ 1 Yes (CONTINUE TO SYSTEM 1)

☐ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.

M071

Quantity treated, disposed, or recycled on site in 1993

874000.0

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.

MN1

Quantity treated, disposed, or recycled on site in 1993

Sec. III

A. Was any of this waste shipped off-site in 1993 ☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (SKIP TO SEC IV)
Instruction page 23.

Site 1

B. EPA ID No. of facility waste was shipped to Page 23.

C. System type shipped to Page 23.

M

D. Off-site availability code Page 23.

E. Total quantity shipped in 1993 Page 23.

Site 2

B. EPA ID No. of facility waste was shipped to Page 23.

C. System type shipped to Page 23.

M

D. Off-site availability code Page 23.

E. Total quantity shipped in 1993 Page 23.

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? ☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (THIS FORM IS COMPLETE)
Instruction page 24.

B. Activity Page 24.

W W
W W

C. Other effects Page 24.

☐ 1 Yes
☐ 2 No

D. Quantity recycled in 1993 due to new activities Page 25.

E. Activity/production index Page 25.

F. 1993 source reduction quantity Page 26.

Comments: (F) Chromate dip operation for zinc plated parts. The operation transferred to another facility in December 1993.

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GMWASTE GENERATION
AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

 A. Waste description - Instruction page 18. Rinse waters from non-cyanide silver plating operations.
 Characteristically hazardous for silver.

B. EPA hazardous waste code Page 19.

D 0 1 1 N A

N A N A N A

C. State hazardous waste code Page 19.

N A

D. SIC code Page 19.

3 6 1 3

E. Origin code Page 19

System
Type M N A

F. Source code Page 20.

A 2 2

G. Point of measurement
Page 20.

4

H. Form code
Page 20.

B 1 0 6

I. RCRA - radioactive mixed Page 20.

2

Sec. II

A. Quantity generated in 1992
Instruction Page 21.B. Quantity generated in 1993
Page 21.

2 1 6 0 0 0 0 . 0

1 6 2 2 4 0 0 . 0

C. UOM Per Density
Page 21 Jim Jensen 10-1994

5 0 8 . 3 4

X 1 lbs/gal 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.

X 1 Yes (CONTINUE TO SYSTEM 1)

2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type
Page 22.

M 0 7 7

Quantity treated, disposed, or recycled
on site in 1993

1 6 2 2 4 0 0 . 0

ON-SITE PROCESS SYSTEM 2

On-site process system type
Page 22.

M N A

Quantity treated, disposed, or recycled on site
in 1993

Sec. III

 A. Was any of this waste shipped off-site in 1993 ☐ 1 Yes (CONTINUE TO BOX B)
 Instruction page 23. ☒ 2 No (SKIP TO SEC IV)

Site 1

B. EPA ID No. of facility waste was shipped to
Page 23.C. System type shipped to
Page 23.

M

D. Off-site
availability code
Page 23.E. Total quantity shipped in 1993
Page 23.

Site 2

B. EPA ID No. of facility waste was shipped to
Page 23.C. System type shipped to
Page 23.

M

D. Off-site
availability code
Page 23.E. Total quantity shipped in 1993
Page 23.

Sec. IV

 A. Did new activities in 1993 result in minimization of this waste? ☐ 1 Yes (CONTINUE TO SYSTEM 1)
 Instruction page 24. ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.

 W W
 W W

C. Other effects Page 24.

☐ 1 Yes
☐ 2 No
D. Quantity recycled in 1993 due to new activities
Page 25.E. Activity/production
index Page 25.

F. 1993 source reduction quantity Page 26.

 Comments: All silver plating operations transferred to another facility as of
 December 1993.

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GMWASTE GENERATION
AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I		A. Waste description - Instruction page 18. Acid rinse from cleaning operations. Characteristically hazardous for corrosive.			
B. EPA hazardous waste code Page 19.		C. State hazardous waste code Page 18.			
D. SIC code Page 19.		E. Origin code Page 19		F. Source code Page 20.	
3 6 1 3		1 N A		A 2 2	
G. Point of measurement Page 20.		H. Form code Page 20.		I. RCRA - radioactive mixed Page 20.	
4		B 1 0 5		2	

Sec. II		A. Quantity generated in 1992 Instruction Page 21.		B. Quantity generated in 1993 Page 21.		C. UOM Density Page 21.		D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.	
		2 1 6 0 0 0 0 . 0		1 8 7 2 0 0 0 . 0		5 0 8 . 3 4		<input checked="" type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM I) <input type="checkbox"/> 2 No (SKIP TO SEC. III)	
ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2							
On-site process system type Page 22.		Quantity treated, disposed, or recycled on site in 1993		On-site process system type Page 22.		Quantity treated, disposed, or recycled on site in 1993			
M 0 7 7		1 8 7 2 0 0 0 . 0		M N A					

Sec. III		A. Was any of this waste shipped off-site in 1993 Instruction page 23.		<input type="checkbox"/> 1 Yes (CONTINUE TO BOX B) <input checked="" type="checkbox"/> 2 No (SKIP TO SEC IV)	
Site 1		B. EPA ID No. of facility waste was shipped to Page 23.		C. System type shipped to Page 23.	
				M	
Site 2		B. EPA ID No. of facility waste was shipped to Page 23.		C. System type shipped to Page 23.	
				M	

Sec. IV		A. Did new activities in 1993 result in minimization of this waste? Instruction page 24.			
		<input type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM I) <input checked="" type="checkbox"/> 2 No (THIS FORM IS COMPLETE)			
B. Activity Page 24.		C. Other effects Page 24.		D. Quantity recycled in 1993 due to new activities Page 25.	
W W W W		<input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No			
E. Activity/production index Page 25.		F. 1993 source reduction quantity Page 26.			

Comments: Plating was shut down in December 1993. We will have an acid salts bright dip operation in the future.

BE

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AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.

Caustic rinse water from cleaning operations.
Characteristically hazardous for corrosive.

B. EPA hazardous waste code Page 19.

D002 NA

NA NA NA

C. State hazardous waste code Page 19.

NA

D. SIC code Page 19.

3613

E. Origin code Page 19

System
Type LM NA

F. Source code Page 20.

A22

G. Point of measurement
Page 20.

4

H. Form code
Page 20.

B110

I. RCRA - radioactive mixed Page 20.

2

Sec. II

A. Quantity generated in 1992
Instruction Page 21.

2160000.0

B. Quantity generated in 1993
Page 21.

1872000.0

C. UOM
Page 21.

5 08.34

1 lbs/gal 2 sg

Density

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.

1 Yes (CONTINUE TO SYSTEM I)

2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type
Page 22.

LM 077

Quantity treated, disposed, or recycled
on site in 1993

1072000.0

ON-SITE PROCESS SYSTEM 2

On-site process system type
Page 22.

LM NA

Quantity treated, disposed, or recycled on site
in 1993

0.0

Sec. III

A. Was any of this waste shipped off-site in 1993
Instruction page 23.

1 Yes (CONTINUE TO BOX B)

2 No (SKIP TO SEC IV)

Site 1

B. EPA ID No. of facility waste was shipped to
Page 23.

0000000000

C. System type shipped to
Page 23.

LM

D. Off-site
availability code
Page 23.

00

E. Total quantity shipped in 1993
Page 23.

0000000000.0

Site 2

B. EPA ID No. of facility waste was shipped to
Page 23.

0000000000

C. System type shipped to
Page 23.

LM

D. Off-site
availability code
Page 23.

00

E. Total quantity shipped in 1993
Page 23.

0000000000.0

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? 1 Yes (CONTINUE TO SYSTEM I)
Instruction page 24. 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.

W W
W W

C. Other effects Page 24.

1 Yes
2 NoD. Quantity recycled in 1993 due to new activities
Page 25.

0000000000.0

E. Activity/production
index Page 25.

00.0

F. 1993 source reduction quantity Page 28.

0000000000.0

Comments: The electro plating operation in this plant was shut down in December 1993 and the work transferred to another plant. Will continue to have one caustic bath in plating in the future.

BE

SI SQUARE D CO
JAMES JENSEN
PO BOX 3069

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CEDAR RAPIDS, IA 52406

IAD000819110



U.S. ENVIRONMENTAL
PROTECTION AGENCY

1993 Hazardous Waste Report

FORM
GM

WASTE GENERATION
AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18. Used filter felts from filter press. Part of pretreatment process for plating operation F006.

B. EPA hazardous waste code Page 19.

F 0 0 6 D 0 1 1

D 0 0 7 N A N A

C. State hazardous waste code Page 19.

N A

D. SIC code Page 19.

3 6 1 3

E. Origin code Page 19

System
Type M N A

F. Source code Page 20.

A 2 2

G. Point of measurement
Page 20.

4

H. Form code
Page 20.

B 3 1 0

I. RCRA - radioactive mixed Page 20.

2

Sec. II

A. Quantity generated in 1992
Instruction Page 21.B. Quantity generated in 1993
Page 21.

3 0 . 0

5 5 . 0

C. UOM Per Density
Page 21. Jim Jensen 10-19-94

5 0 1 . 9 0

☐ 1 lbs/gal ☒ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.

☐ 1 Yes (CONTINUE TO SYSTEM 1)☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type
Page 22.

M

Quantity treated, disposed, or recycled
on site in 1993

ON-SITE PROCESS SYSTEM 2

On-site process system type
Page 22.

M

Quantity treated, disposed, or recycled on site
in 1993

Sec. III

A. Was any of this waste shipped off-site in 1993 ☐ 1 Yes (CONTINUE TO BOX B)
Instruction page 23. ☒ 2 No (SKIP TO SEC IV)

Site 1

B. EPA ID No. of facility waste was shipped to
Page 23.C. System type shipped to
Page 23.

M

D. Off-site
availability code
Page 23.E. Total quantity shipped in 1993
Page 23.

Site 2

B. EPA ID No. of facility waste was shipped to
Page 23.C. System type shipped to
Page 23.

M

D. Off-site
availability code
Page 23.E. Total quantity shipped in 1993
Page 23.

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? ☐ 1 Yes (CONTINUE TO SYSTEM 1)
Instruction page 24. ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.

W W
W W

C. Other effects Page 24.

☐ 1 Yes
☐ 2 No

D. Quantity recycled in 1993 due to new activities
Page 25.E. Activity/production
index Page 25.

F. 1993 source reduction quantity Page 26.

Comments:

1 drum of waste in storage. Will ship in first quarter of 1994.
This portion of waste treatment will be shutdown in February 1994.

BE

SI SQUARE D CO
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FORM
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INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.

Used filters from non-cyanide silver plating solution
characteristically hazardous for silver.

B. EPA hazardous waste code Page 19.

D10111 N A

N A N A N A

C. State hazardous waste code Page 19.

N A

D. SIC code Page 19.

3613

E. Origin code Page 19

System
Type L M N A

F. Source code Page 20.

A 22

G. Point of measurement
Page 20.

1

H. Form code
Page 20.

B 310

I. RCRA - radioactive mixed Page 20.

2

Sec. II

A. Quantity generated in 1992
Instruction Page 21.B. Quantity generated in 1993
Page 21.C. UOM Density
Page 21. *Per Jim Jensen 10-19-94*

5 01 95

☐ 1 lbs/gal ☒ 2 sgD. Did this site do any of the following to this waste: treat on
site, dispose on site, recycle on site, or discharge to a
sewer/POTW? Page 21.☐ 1 Yes (CONTINUE TO SYSTEM 1)☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type
Page 22.

L M

Quantity treated, disposed, or recycled
on site in 1993

55.0

ON-SITE PROCESS SYSTEM 2

On-site process system type
Page 22.

L M

Quantity treated, disposed, or recycled on site
in 1993

55.0

Sec. III

A. Was any of this waste shipped off-site in 1993
Instruction page 23.☐ 1 Yes (CONTINUE TO BOX B)☒ 2 No (SKIP TO SEC IV)

Site 1

B. EPA ID No. of facility waste was shipped to
Page 23.

L M

C. System type shipped to
Page 23.

L M

D. Off-site
availability code
Page 23.

L M

E. Total quantity shipped in 1993
Page 23.

55.0

Site 2

B. EPA ID No. of facility waste was shipped to
Page 23.

L M

C. System type shipped to
Page 23.

L M

D. Off-site
availability code
Page 23.

L M

E. Total quantity shipped in 1993
Page 23.

55.0

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? ☐ 1 Yes (CONTINUE TO SYSTEM 1)
Instruction page 24. ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.

L W L W
L W L W

C. Other effects Page 24.

☐ 1 Yes
☐ 2 NoD. Quantity recycled in 1993 due to new activities
Page 25.

55.0

E. Activity/production
index Page 25.

55.0

F. 1993 source reduction quantity Page 26.

55.0

Comments: Filter will be shipped 1st quarter 1994. 1 drum in storage. Plating was shut-
down in December 1993. Will no longer generate this waste in 1994.

BE

SI SQUARE D CO
JAMES JENSEN
PO BOX 3069

EP

CEDAR RAPIDS, IA 52406

IAD00081911C



U.S. ENVIRONMENTAL
PROTECTION AGENCY

1993 Hazardous Waste Report

FORM
GM

WASTE GENERATION
AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18. Waste treatment sludge from the treatment of plating rinse.
Listed metal hydroxide waste F006.

B. EPA hazardous waste code Page 19.

F006 D011

D007 N/A N/A

C. State hazardous waste code Page 19.

N/A

D. SIC code Page 19.

3613

E. Origin code [5] Page 19

System
Type LM 077

F. Source code Page 20.

A22

G. Point of measurement
Page 20.

4

H. Form code
Page 20.

B306

I. RCRA - radioactive mixed Page 20.

2

Sec. II

A. Quantity generated in 1992
Instruction Page 21.B. Quantity generated in 1993
Page 21.

6.0

6.0

C. UOM
Page 21.

2

1 lbs/gal 2 sg

Density

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.

☐ 1 Yes (CONTINUE TO SYSTEM 1)☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

ON-SITE PROCESS SYSTEM 2

On-site process system type
Page 22.

LM

Quantity treated, disposed, or recycled
on site in 1993

6.0

On-site process system type
Page 22.

LM

Quantity treated, disposed, or recycled on site
in 1993

6.0

Sec. III

A. Was any of this waste shipped off-site in 1993
Instruction page 23.☒ 1 Yes (CONTINUE TO BOX B)☐ 2 No (SKIP TO SEC. IV)

Site 1

B. EPA ID No. of facility waste was shipped to
Page 23.

AZD 980 735 500

C. System type shipped to
Page 23.

LM 013

D. Off-site
availability code
Page 23.

1

E. Total quantity shipped in 1993
Page 23.

5.7

Site 2

B. EPA ID No. of facility waste was shipped to
Page 23.

N/A

C. System type shipped to
Page 23.

LM N/A

D. Off-site
availability code
Page 23.

N/A

E. Total quantity shipped in 1993
Page 23.

N/A

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? ☐ 1 Yes (CONTINUE TO SYSTEM 1)
Instruction page 24. ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.

LW LW
LW LW

C. Other effects Page 24.

☐ 1 Yes
☐ 2 No

D. Quantity recycled in 1993 due to new activities
Page 25.

6.0

E. Activity/production
index Page 25.

6.0

F. 1993 source reduction quantity Page 26.

6.0

Comments: Plating and waste treatment were decommissioned in December 1993.
.3 ton sludge in storage the end of 1993.

BE

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U.S. ENVIRONMENTAL
PROTECTION AGENCY

1993 Hazardous Waste Report

FORM
GMWASTE GENERATION
AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 18 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18. Spent solvent from parts cleaning equipment. This solvent is characteristically ignitable waste.

B. EPA hazardous waste code Page 19.

 D 0 0 1 NA
 NA NA NA

C. State hazardous waste code Page 18.

NA

D. SIC code Page 19.

3 6 1 3

E. Origin code Page 19

System
Type L M N A

F. Source code Page 20.

A 1 9

G. Point of measurement
Page 20.

1

H. Form code
Page 20.

B 2 1 1

I. RCRA - radioactive mixed Page 20.

2

Sec. II

A. Quantity generated in 1992
Instruction Page 21.

7 3 5 9 . 0

B. Quantity generated in 1993
Page 21.

8 6 1 0 . 0

C. UOM
Page 21.
 1
☐ 1 lbs/gal ☐ 2 sg

Density

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.

☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type
Page 22.

L M

Quantity treated, disposed, or recycled
on site in 1993

0 0 0 0 0 0 0 0 0 0

ON-SITE PROCESS SYSTEM 2

On-site process system type
Page 22.

L M

Quantity treated, disposed, or recycled on site
in 1993

0 0 0 0 0 0 0 0 0 0

Sec. III

 A. Was any of this waste shipped off-site in 1993 ☒ 1 Yes (CONTINUE TO BOX B)
 Instruction page 23. ☐ 2 No (SKIP TO SEC IV)

Site 1

B. EPA ID No. of facility waste was shipped to
Page 23.

I A D 0 9 8 0 2 7 5 9 2

C. System type shipped to
Page 23.

M 1 4 1

D. Off-site
availability code
Page 23.

1

E. Total quantity shipped in 1993
Page 23.

8 6 1 0 . 0

Site 2

B. EPA ID No. of facility waste was shipped to
Page 23.

NA

C. System type shipped to
Page 23.

L M N A

D. Off-site
availability code
Page 23.

NA

E. Total quantity shipped in 1993
Page 23.

NA

Sec. IV

 A. Did new activities in 1993 result in minimization of this waste? ☐ 1 Yes (CONTINUE TO SYSTEM 1)
 Instruction page 24. ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.

 W W
 W W

C. Other effects Page 24.

☐ 1 Yes
☐ 2 No
D. Quantity recycled in 1993 due to new activities
Page 25.

0 0 0 0 0 0 0 0 0 0

E. Activity/production
index Page 25.

0 0 0 0 0 0 0 0 0 0

F. 1993 source reduction quantity Page 26.

0 0 0 0 0 0 0 0 0 0

Comments: M141 - Safety Kleen then ships large quantities to their recycling facilities in Illinois.

BE

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U.S. ENVIRONMENTAL
PROTECTION AGENCY

1993 Hazardous Waste Report

FORM
GM

WASTE GENERATION
AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 18 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18. Spent non-halogenated solvent generated from cleaning of spray paint equipment and parts. Listed hazardous waste as well as flammable.						
B. EPA hazardous waste code Page 19. F 0 0 3 D 0 0 1 N A N A N A				C. State hazardous waste code Page 19. N A		
D. SIC code Page 19. 3 6 1 3	E. Origin code Page 19. System Type L M N A	F. Source code Page 20. A 2 1	G. Point of measurement Page 20. 1	H. Form code Page 20. B 2 0 3	I. RCRA - radioactive mixed Page 20. 2	

Sec. II A. Quantity generated in 1992 Instruction Page 21. 2 2 0 . 0		B. Quantity generated in 1993 Page 21. 2 2 0 . 0		C. UOM Density Page 21. 5 0 . 8 8 <input type="checkbox"/> 1 lbs/gal <input checked="" type="checkbox"/> 2 sg		D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21. <input type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM 1) <input checked="" type="checkbox"/> 2 No (SKIP TO SEC. III)	
ON-SITE PROCESS SYSTEM 1 On-site process system type Quantity treated, disposed, or recycled on site in 1993 M				ON-SITE PROCESS SYSTEM 2 On-site process system type Quantity treated, disposed, or recycled on site in 1993 M			

Sec. III A. Was any of this waste shipped off-site in 1993 <input checked="" type="checkbox"/> 1 Yes (CONTINUE TO BOX B) Instruction page 23. <input type="checkbox"/> 2 No (SKIP TO SEC. IV)				
Site 1	B. EPA ID No. of facility waste was shipped to Page 23. W I D 0 0 0 8 0 8 8 2 4	C. System type shipped to Page 23. M 0 6 1	D. Off-site availability code Page 23. 1	E. Total quantity shipped in 1993 Page 23. 2 2 0 . 0
Site 2	B. EPA ID No. of facility waste was shipped to Page 23. N A	C. System type shipped to Page 23. M N A	D. Off-site availability code Page 23. N A	E. Total quantity shipped in 1993 Page 23. N A

Sec. IV A. Did new activities in 1993 result in minimization of this waste? <input type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM 1) Instruction page 24. <input checked="" type="checkbox"/> 2 No (THIS FORM IS COMPLETE)					
B. Activity Page 24. W W W W	C. Other effects Page 24. <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No	D. Quantity recycled in 1993 due to new activities Page 25. .	E. Activity/production index Page 25. .	F. 1993 source reduction quantity Page 26. .	

Comments:

BE

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U.S. ENVIRONMENTAL
PROTECTION AGENCY

1993 Hazardous Waste Report

FORM
GM

WASTE GENERATION
AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18. Rags used for cleaning with non-halogenated solvent-xylene.
Listed hazardous waste.

B. EPA hazardous waste code Page 19.

F 0 0 3 D 0 0 1

N A N A N A

C. State hazardous waste code Page 19.

N A

D. SIC code Page 19.

3 6 1 3

E. Origin code Page 19.

System
Type M N A

F. Source code Page 20.

A 1 9

G. Point of measurement
Page 20.

1

H. Form code
Page 20.

B 2 0 3

I. RCRA - radioactive mixed Page 20.

2

Sec. II

A. Quantity generated in 1992
Instruction Page 21.

2 4 0 . 0

B. Quantity generated in 1993
Page 21.

1 7 5 . 0

C. UOM Per Density
Page 21. Jim Jensen 10-19-94

5 0 1 . 9 0

1 lbs/gal 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.

☐ 1 Yes (CONTINUE TO SYSTEM 1)☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type
Page 22.

M

Quantity treated, disposed, or recycled
on site in 1993

1 7 5 . 0

ON-SITE PROCESS SYSTEM 2

On-site process system type
Page 22.

M

Quantity treated, disposed, or recycled on site
in 1993

1 7 5 . 0

Sec. III

A. Was any of this waste shipped off-site in 1993 ☒ 1 Yes (CONTINUE TO BOX B)
Instruction page 23. ☐ 2 No (SKIP TO SEC IV)

Site 1

B. EPA ID No. of facility waste was shipped to
Page 23.

W I D 0 0 0 8 0 8 8 2 4

C. System type shipped to
Page 23.

M 0 6 1

D. Off-site
availability code
Page 23.

1

E. Total quantity shipped in 1993
Page 23.

1 7 5 . 0

Site 2

B. EPA ID No. of facility waste was shipped to
Page 23.

N A

C. System type shipped to
Page 23.

M N A

D. Off-site
availability code
Page 23.

N A

E. Total quantity shipped in 1993
Page 23.

N A

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? ☐ 1 Yes (CONTINUE TO SYSTEM 1)
Instruction page 24. ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.

W W
W W

C. Other effects Page 24.

☐ 1 Yes
☐ 2 No

D. Quantity recycled in 1993 due to new activities
Page 25.

1 7 5 . 0

E. Activity/production
index Page 25.

1 7 5 . 0

F. 1993 source reduction quantity Page 26.

1 7 5 . 0

Comments:

U.S. ENVIRONMENTAL
PROTECTION AGENCY

1993 Hazardous Waste Report

SQUARE D CO
JAMES JENSEN
PO BOX 3069

CEDAR RAPIDS, IA 52406

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FORM
PSWASTE TREATMENT,
DISPOSAL, OR RECYCLING
PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions beginning on page 33 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste treatment, disposal, or recycling system description Instruction Page 38. Waste treatment system for the management of chrome rinse water from a chromate conversion coating operation for Zinc plated parts.	
B. System type Page 38. M 0 7 1	C. Regulatory status Page 39. 0 3
D. Operational status Page 39. 0 3	E. Unit types Page 39. 0 1 N A

Sec. II A. 1993 influent quantity Instruction page 40. Total 8 7 4 0 0 0 0 0 UOM 5 Density 0 8 3 4 RCRA 8 7 4 0 0 0 0 0 <input checked="" type="checkbox"/> 1 lbs/gal <input type="checkbox"/> 2 sg	B. Maximum operational capacity Page 41. Total 4 5 0 0 0 0 0 0 RCRA 4 5 0 0 0 0 0 0
C. 1993 liquid effluent quantity Instruction page 42. Total 8 4 0 0 0 0 0 0 UOM 5 Density 0 8 3 4 RCRA 8 4 0 0 0 0 0 0 <input checked="" type="checkbox"/> 1 lbs/gal <input type="checkbox"/> 2 sg	D. 1993 solid/sludge residual quantity Page 42. Total 1 5 0 0 0 0 0 0 UOM 1 Density RCRA 1 5 0 0 0 0 0 0 <input type="checkbox"/> 1 lbs/gal <input type="checkbox"/> 2 sg
E. Limitation on maximum operational capacity Page 43. 1. 0 6 2. 0 7 3. 0 5	F. Commercial capacity availability code Page 43. 1
G. Percent capacity commercially available Page 43. 0 %	

Comments: Plating and waste treatment were decommissioned in December 1993.

U.S. ENVIRONMENTAL
PROTECTION AGENCY

1993 Hazardous Waste Report

SQUARE D CO
JAMES JENSEN
PO BOX 3069

CEDAR RAPIDS, IA 52406

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FORM
PSWASTE TREATMENT,
DISPOSAL, OR RECYCLING
PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions beginning on page 33 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste treatment, disposal, or recycling system description Instruction Page 38.		Waste treatment system for the management of heavy metals through lime precipitation.	
B. System type Page 38. LM 0 7 7	C. Regulatory status Page 39. 0 3	D. Operational status Page 39. 0 1	E. Unit types Page 39. 0 1 N/A

Sec. II A. 1993 influent quantity Instruction page 40.		B. Maximum operational capacity Page 41.	
Total 5 2 3 9 1 2 4 . 0 UOM 5 Density 0 8 . 3 4 RCRA 5 2 3 9 1 2 4 . 0 <input checked="" type="checkbox"/> 1 lbs/gal <input type="checkbox"/> 2 sg	Total 1 4 2 0 0 0 0 0 . 0 RCRA 1 4 2 0 0 0 0 0 . 0		
C. 1993 liquid effluent quantity Instruction page 42.		D. 1993 solid/sludge residual quantity Page 42.	
Total 5 2 3 9 1 2 4 . 0 UOM 5 Density 0 8 . 3 4 RCRA 5 2 3 9 1 2 4 . 0 <input checked="" type="checkbox"/> 1 lbs/gal <input type="checkbox"/> 2 sg	Total 1 0 5 0 0 . 0 UOM 1 Density RCRA 1 0 5 0 0 . 0 <input type="checkbox"/> 1 lbs/gal <input type="checkbox"/> 2 sg		
E. Limitation on maximum operational capacity Page 43. 1. 0 3 2. 0 5 3. 0 8		F. Commercial capacity availability code Page 43. 1	
		G. Percent capacity commercially available Page 43. 1 0 %	

Comments: Will be decommissioned in 1st quarter 1994.

U.S. ENVIRONMENTAL
PROTECTION AGENCY

1993 Hazardous Waste Report

SQUARE D CO
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PO BOX 3069

CEDAR RAPIDS, IA 52406

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FORM
01OFF-SITE
IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the reverse side before completing this form.

Site 1	A. EPA ID No. of off-site installation or transporter I A D 0 9 8 0 2 7 5 9 2	B. Name of off-site installation or transporter Safety-Kleen Corp
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input type="checkbox"/> Transporter <input checked="" type="checkbox"/> TSDR	D. Address of generator Street 3035 West 73rd Street City Davenport State I A Zip 5 2 8 0 6	
Site 2	A. EPA ID No. of off-site installation or transporter A Z D 9 8 0 7 3 5 5 0 0	B. Name of off-site installation or transporter World Resource Company
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input type="checkbox"/> Transporter <input checked="" type="checkbox"/> TSDR	D. Address of generator Street 8113 West Sherman Street City Phoenix State A Z Zip 8 5 0 4 3	
Site 3	A. EPA ID No. of off-site installation or transporter W I D 0 0 0 8 0 8 8 2 4	B. Name of off-site installation or transporter Hydrite Chemical
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input type="checkbox"/> Transporter <input checked="" type="checkbox"/> TSDR	D. Address of generator Street 114 N. Main Street City Cottage Grove State W I Zip 5 3 5 2 7	
Site 4	A. EPA ID No. of off-site installation or transporter C A D 9 8 0 5 8 4 5 1 0	B. Name of off-site installation or transporter CKC, Inc.
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input checked="" type="checkbox"/> Transporter <input type="checkbox"/> TSDR	D. Address of generator Street N/A City State Zip	
Site 5	A. EPA ID No. of off-site installation or transporter I A T 2 0 0 0 1 0 5 9 3	B. Name of off-site installation or transporter Hydrite Chemical
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input checked="" type="checkbox"/> Transporter <input type="checkbox"/> TSDR	D. Address of generator Street N/A City State Zip	

Comments:

U.S. ENVIRONMENTAL
PROTECTION AGENCY

1993 Hazardous Waste Report

SQUARE D CO
JAMES JENSEN
PO BOX 3069

CEDAR RAPIDS, IA 52406

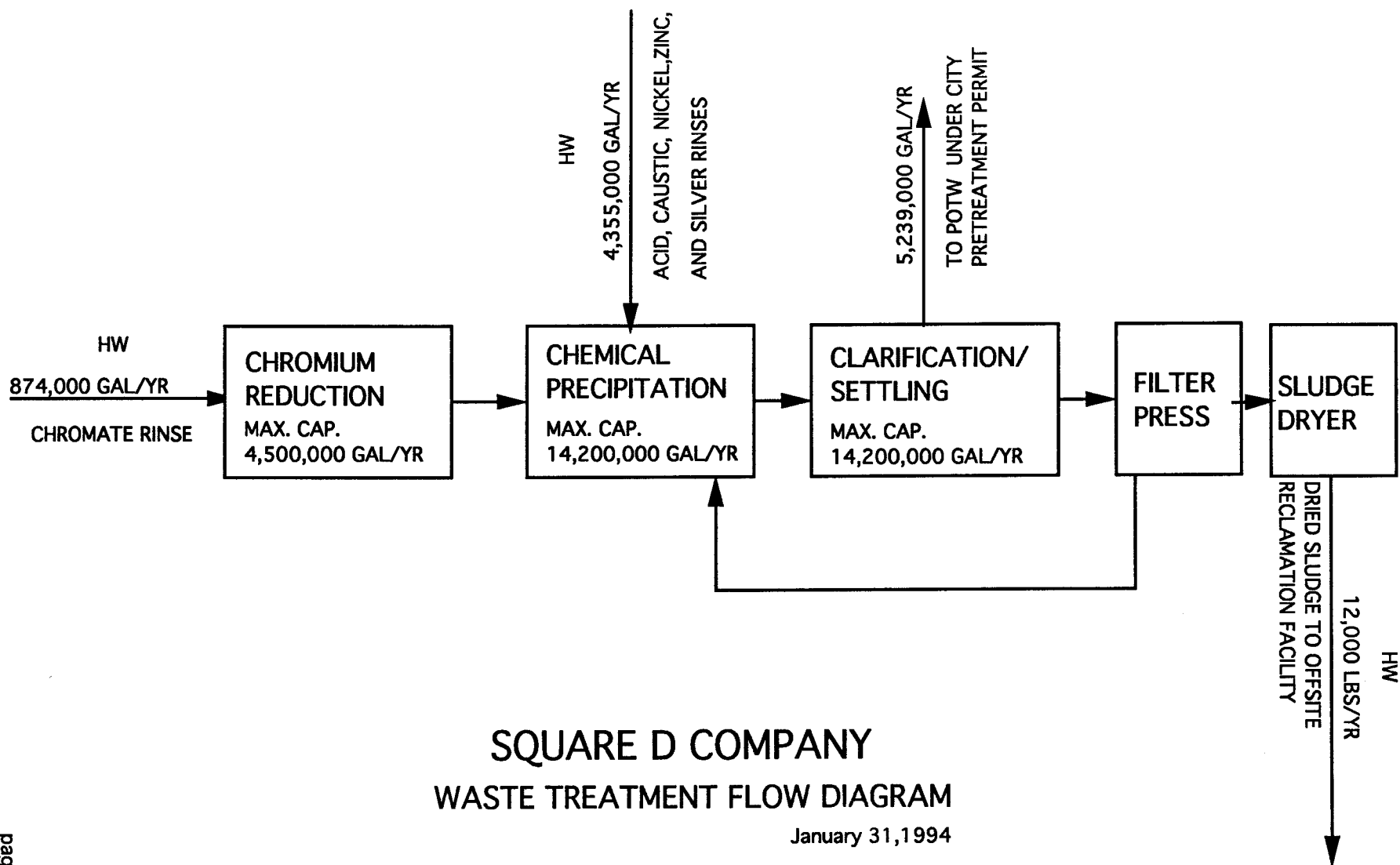
IAD000819110

FORM
01OFF-SITE
IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the reverse side before completing this form.

Site 1	A. EPA ID No. of off-site installation or transporter W I D 9 8 8 6 6 9 8 3 0	B. Name of off-site installation or transporter Rainbow Freight Systems Inc
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input checked="" type="checkbox"/> Transporter <input type="checkbox"/> TSDR	D. Address of generator Street N/A City State Zip	
Site 2	A. EPA ID No. of off-site installation or transporter I L D 0 5 1 0 6 0 4 0 8	B. Name of off-site installation or transporter Safety Kleen Corporation
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input checked="" type="checkbox"/> Transporter <input type="checkbox"/> TSDR	D. Address of generator Street N/A City State Zip	
Site 3	A. EPA ID No. of off-site installation or transporter 	B. Name of off-site installation or transporter
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input type="checkbox"/> Transporter <input type="checkbox"/> TSDR	D. Address of generator Street City State Zip	
Site 4	A. EPA ID No. of off-site installation or transporter 	B. Name of off-site installation or transporter
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input type="checkbox"/> Transporter <input type="checkbox"/> TSDR	D. Address of generator Street City State Zip	
Site 5	A. EPA ID No. of off-site installation or transporter 	B. Name of off-site installation or transporter
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input type="checkbox"/> Transporter <input type="checkbox"/> TSDR	D. Address of generator Street City State Zip	

Comments:





SQUARE D COMPANY
GROUPE SCHNEIDER

DISTRIBUTION EQUIPMENT BUSINESS
BOX 3069 - 3700 SIXTH STREET S.W., CEDAR RAPIDS, IA 52406
PHONE 319-365-4631 FAX 319-369-6600

REC'D. IOWA SEC.

FEB 28 1994

February 23, 1994

**US Environmental Protection Agency Region VII
WSTM/RCRA/Iowa (Biennial Report)
726 Minnesota Avenue
Kansas City, Kansas 66101**

Dear Sirs:

REF: Biennial Report

Enclosed you will find a completed Biennial Report for 1993. This report is identified as the 1993 Hazardous Waste Report.

If you have any questions or need more information, please contact me at 319-369-6433.

**James C. Jensen
Loss Control/Environmental Specialist**

**cc: Dave Sapp - Square D Company - Cedar Rapids
Lyle Kovar - Square D Company - Missouri
Al Rickard - Square D Company - Cedar Rapids**